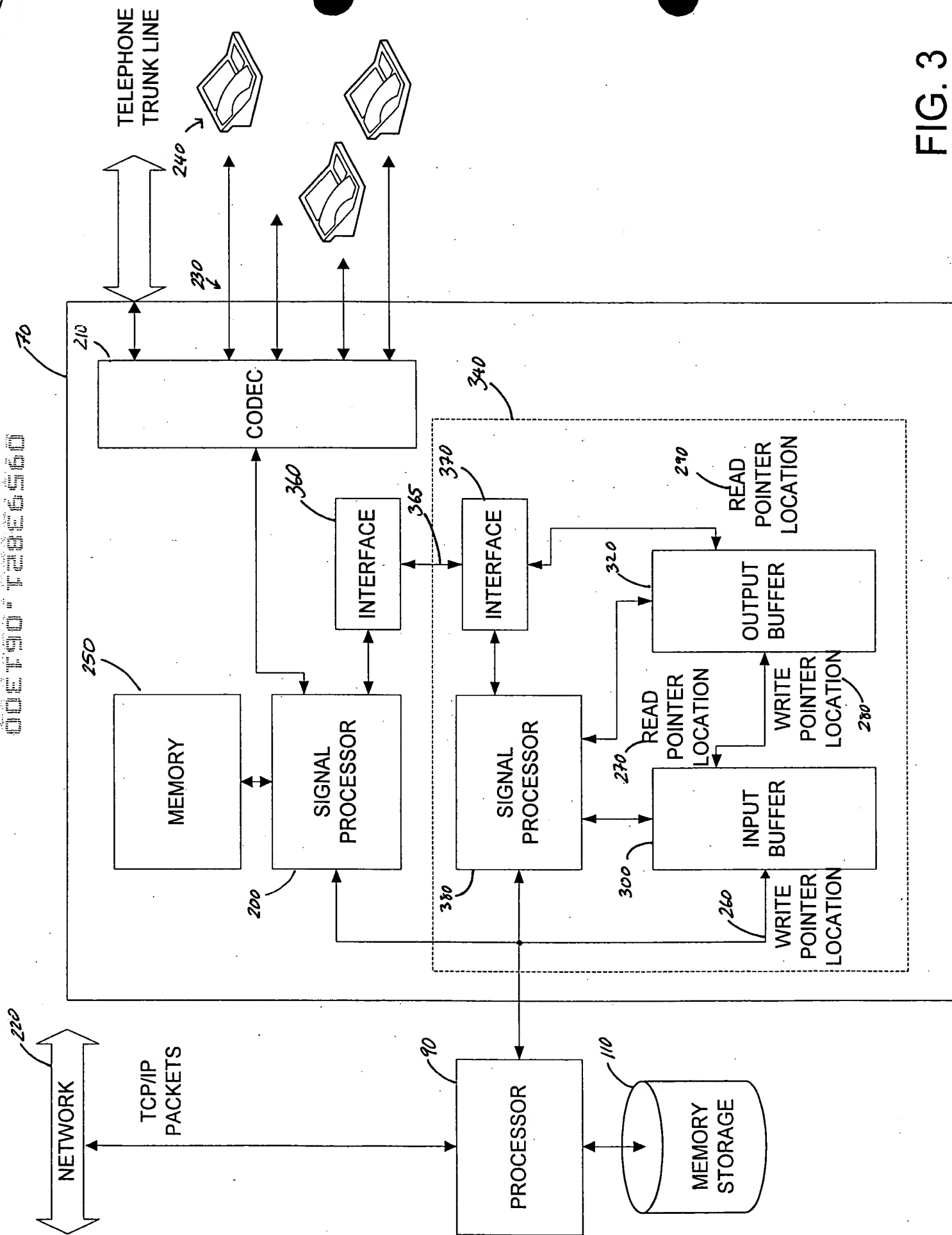


FIG. 2



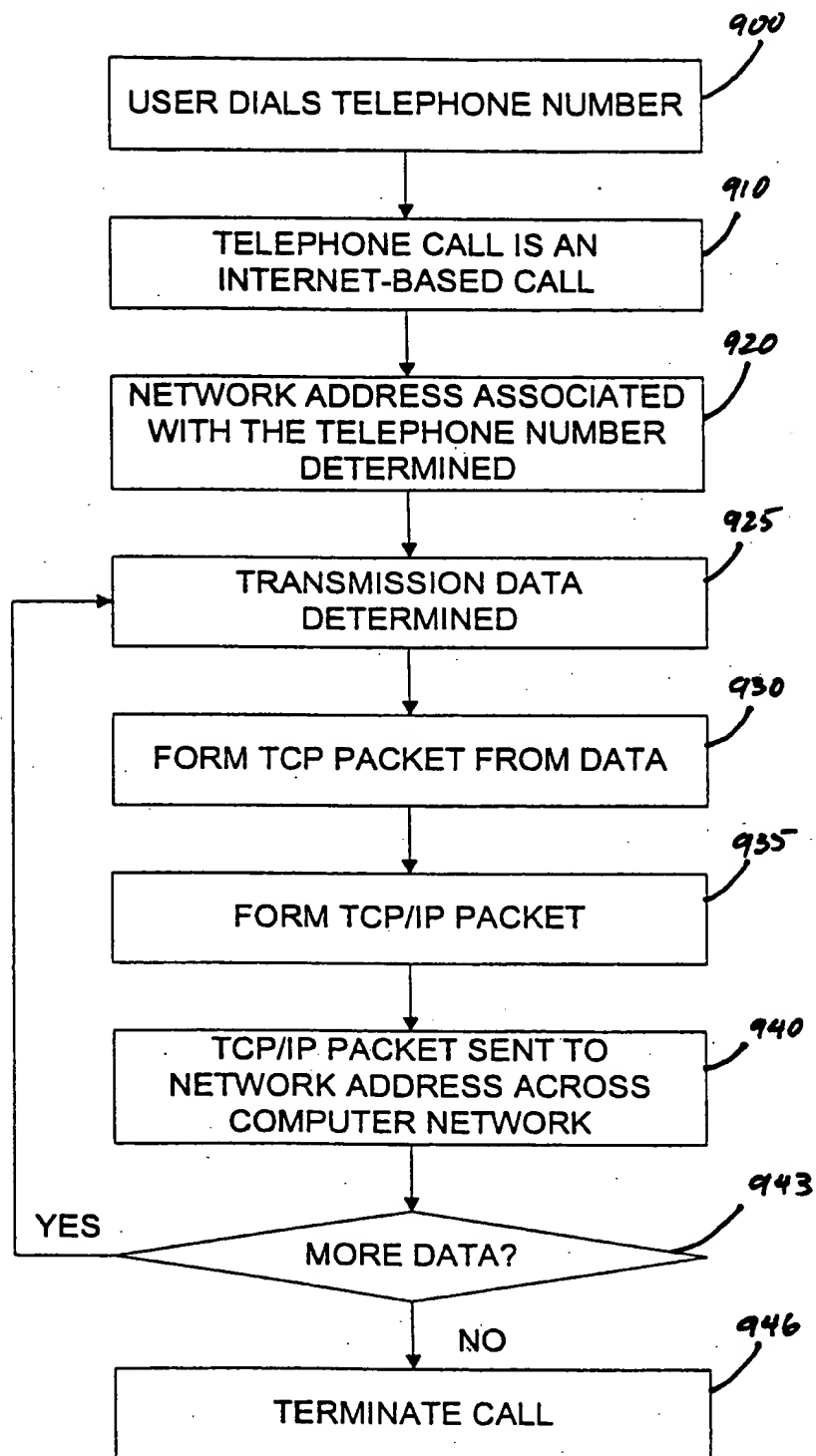


FIG. 4A

```

graph TD
    950[TCP/IP PACKET RECEIVED] --> 960[STRIP IP HEADER]
    960 --> 400[RECOVER A TCP PACKET]
    400 --> 410[STORE THE TCP PACKET FROM INTO THE INPUT BUFFER AND THE WRITE POINTER LOCATION]
    410 --> 420[INCREMENT WRITE POINTER]
    420 --> 440{INPUT BUFFER FULL?}
    440 -- NO --> 950
    440 -- YES --> 450{DATA STORED IN INPUT BUFFER?}
    450 -- NO --> 440
    450 -- YES --> 460[RETRIEVE TCP PACKET STORED AT READ POINTER LOCATION]
    460 --> 470{TCP PACKET START OF STRING?}
    470 -- YES --> A((A))
    470 -- NO --> 480[INCREMENT READ POINTER]
    480 --> 450

```

FIG. 4B

```

graph TD
    A((A)) --> 490[DETERMINE INITIAL SESSION TIME STAMP]
    490 --> 500[DETERMINE ORIGINAL TIME STAMP OF TCP PACKET]
    500 --> 510[DETERMINE TIMING OFFSET BETWEEN STS AND OTS]
    510 --> 520[DETERMINE OUTPUT BUFFER WRITE POINTER WITH OTS AND A DELAY FACTOR]
    520 --> 530[WRITE TCP PACKET TO WRITE POINTER LOCATION IN THE OUTPUT BUFFER]
    530 --> 540[INCREMENT INPUT BUFFER READ POINTER]
    540 --> 545{TCP PACKET AVAILABLE?}
    545 -- NO --> 530
    545 -- YES --> 550[RETRIEVE TCP PACKET STORED AT READ POINTER LOCATION IN THE INPUT BUFFER]
    550 --> 560[DETERMINE OUTPUT BUFFER WRITE POINTER IN RESPONSE TO TIMING OFFSET, DELAY FACTOR, AND OTS OF TCP PACKET]
    560 --> 570[WRITE TCP PACKET TO WRITE POINTER LOCATION IN THE OUTPUT BUFFER]
    570 --> 540

```

FIG. 4C

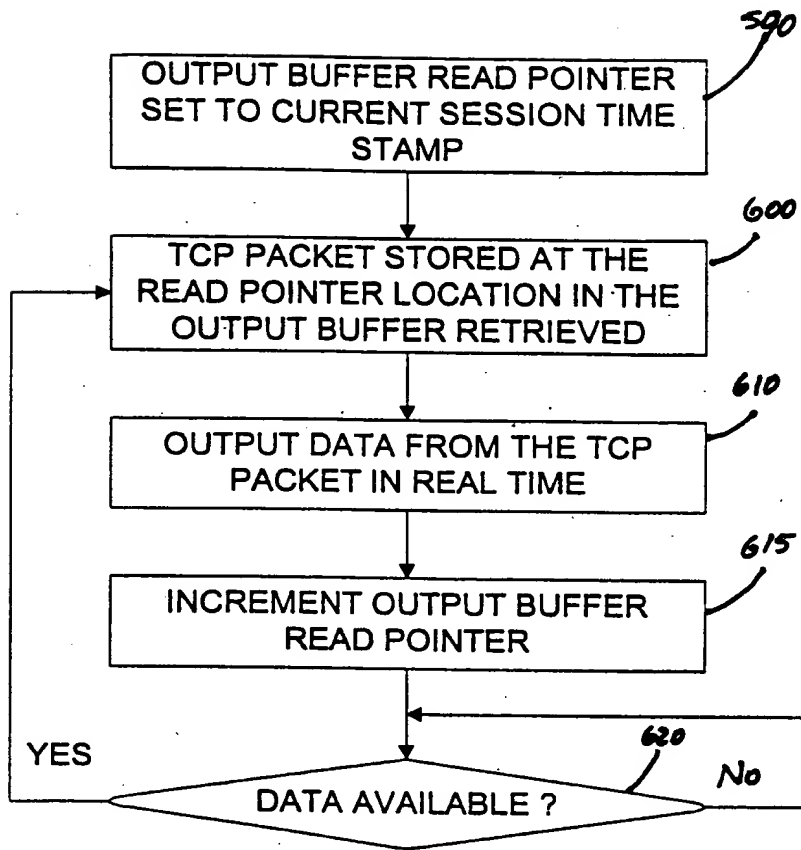


FIG. 4D

```

graph TD
    1000[DETECT TELEPHONE OFF-HOOK] --> 1010[DETERMINE DESIRED TELEPHONE NUMBER]
    1010 --> 1020{AUTO-ATTENDANT?}
    1020 -- YES --> 1040[DETERMINE COMPUTER NETWORK ADDRESS ASSOCIATED WITH THE AUTO-ATTENDANT]
    1040 --> 1050[SEND AUTO-ATTENDANT REQUEST TO DESTINATION SYSTEM]
    1050 --> 1060[INVOKE AUTO-ATTENDANT PROCESS]
    1060 --> 1070[MENU DETERMINED BY AUTO-ATTENDANT IN DESTINATION SYSTEM]
    1070 --> 1080[MENU RECEIVED BY CALLING TELECOMMUNICATION SYSTEM]
    1080 --> 1090[PLAY MENU MESSAGE TO CALLER]
    1090 --> 1100[SEND MENU SELECTION TO AUTO-ATTENDANT IN DESTINATION SYSTEM]
    1100 --> A((A))
    1140[RECEIVE CALL FROM TELEPHONE TRUNK] --> 1020
    1020 -- NO --> 1030[PROCESS TELEPHONE CALL]

```

FIG. 5

FIG. 5

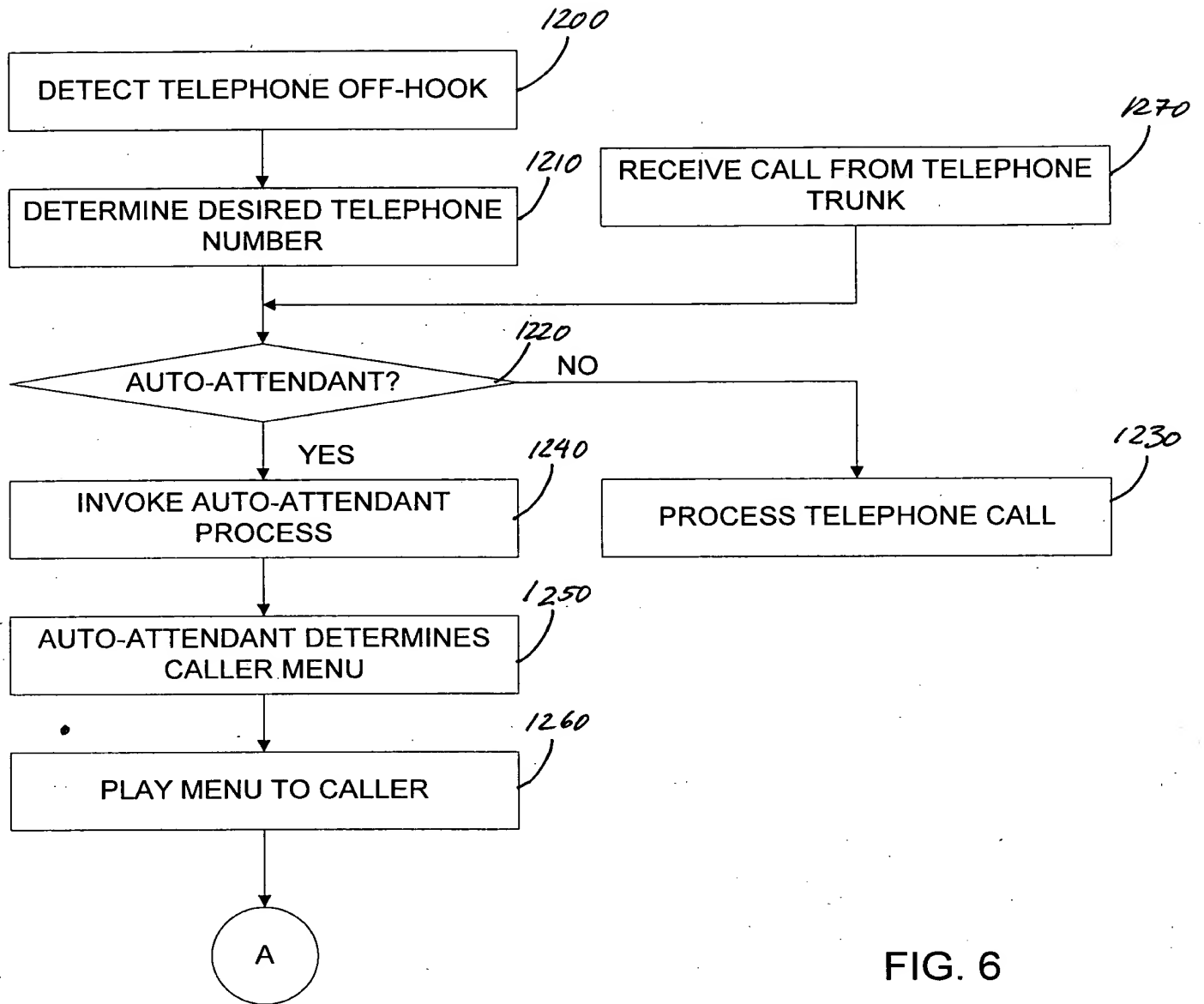


FIG. 6

```

graph TD
    A((A)) --> D1{DIAL BY NAME SELECTION?}
    D1 -- YES --> P1[AUTO-ATTENDANT ENTERS DIAL BY NAME MENU]
    D1 -- NO --> D2{DIAL EXTENSION SELECTION?}
    D2 -- YES --> P2[AUTO-ATTENDANT ENTERS EXTENSION MENU]
    D2 -- NO --> D3{DIRECTORY LISTING SELECTION?}
    D3 -- YES --> P3[AUTO-ATTENDANT ENTERS DIRECTORY MENU]
    D3 -- NO --> D4{SYSTEM CALL-BACK SELECTION?}
    D4 -- YES --> P4[AUTO-ATTENDANT ENTERS CALL-BACK SELECTION MENU]
    D4 -- NO --> Dots[...]
    Dots --> D5{TIME-OUT?}
    D5 -- YES --> P5[PROCESS TIME-OUT CONDITION]
    D5 -- NO --> A
  
```

FIG. 7